

Virtual Private Network and Tunnel Gateway with Multiple Overlapping, Remote Subnets

Abstract of the Disclosure

5 Local gateway support for multiple overlapping remote
networks. The local gateway includes a pool of unique,
internally routable system-wide addresses, an address bind
table, a filter rules table, and a collection of security
association databases. A plurality of overlapping
10 connections are received at the local gateway from remote
networks, each including an inbound packet having a source
IP address. For each connection, the source IP address is
bound with an address from the address pool in a bind table.
Outbound packets are processed through the bind table to
15 determine the destination IP address corresponding to a
correct one of the plurality of overlapping connections.